

AMENDMENTS TO THE CLAIMS:

This listing of the claims will replace all prior versions, and listings, of the claims in this application.

Listing of Claims:

1. (Currently amended) An apparatus comprising electronic device,
~~which includes~~
- a case structure,
 - a display component fitted ~~in connection~~ with the case structure,
 - ~~a camera devices that can be oriented, fitted inside the case structure,~~
including an image sensor fitted entirely inside the case structure and
optics, ~~and~~
 - ~~=~~an aperture arrangement including at least two apertures fitted in the
case structure, for exposing the image sensor directly from the outside,
~~and~~

in which the image sensor is ~~arranged to be~~ rotatable to at least two exposure
directions ~~(FS, BS)~~, at least to the display-component side ~~(FS)~~ and to an opposite
side ~~(BS)~~ relative to the display component, according to which exposure directions
~~(FS, BS)~~ the aperture arrangement is arranged in the case structure and at least
part of the optics is arranged to be rotatable along with the image sensor and at
least part of the optics is arranged in connection with the aperture arrangement, ~~and~~
a mechanism configured to move at least the image sensor ~~characterized in that the~~
~~image sensor and the optics arranged in connection with it can be~~ linearly moved in
the case structure to a position clear of the first and second apertures, in order to
permit ~~their~~ rotation of the image sensor.

2. (Currently amended) An apparatus ~~A device~~ according to Claim 1,
~~characterized in that at least part of the optics, is equipped with~~ further comprising
actuator devices that enable, ~~for example, in order to permit~~ alteration of a the focal
length of the camera device.

3. (Currently amended) An apparatus ~~A device~~ according to Claim 1, characterized in that at least part of the optics is configured to enable, ~~such as, for example, the optics arranged on the display component side, is arranged for~~ close-up imaging.
4. (Currently amended) An apparatus ~~A device~~ according to Claim 1, further comprising ~~characterized in that in connection with the aperture arrangement there are shutter devices configured to close for closing~~ the aperture that is not in use at the time.
5. (Currently amended) An apparatus ~~A device~~ according to Claim [[1]] 4, characterized in that wherein the shutter devices operate in conjunction with ~~are in connection with~~ the camera devices.
6. (Currently amended) An apparatus ~~A device~~ according to Claim 1, ~~characterized in that in connection with the camera devices there are detection devices for determining~~ further comprising at least one detection device configured to determine the exposure direction (FS, BS) in use at the a given time.
7. (Currently amended) A method for controlling the orienting of a camera devices in an electronic device, in which there are directional camera devices inside the case structure of the device, including at least an image sensor and optics, and in which the case structure includes an aperture arrangement including at least two apertures in connection with at least part of the optics is arranged for exposing the image sensor directly from the outside, which aperture arrangement is arranged in at least two exposure directions ~~(FS, BS)~~ at least to ~~the~~ a display-component side (FS) and to an opposite side ~~(BS)~~ relative to the display component, and in which method

- the image sensor and at least part of the said optics is oriented by rotating them to the selected exposure direction ~~(FS, BS)~~ without directing the orienting operations to the actual case structure of the device and
- imaging is performed,

characterized in that, the image sensor and the said part of the optics are linearly moved in the case structure to a position clear of the first and second apertures, in order to permit ~~their~~ rotation of the image sensor.

8. (Previously presented) A method according to Claim 7, characterized in that the part of the aperture arrangement not in use at the time is shut off from the aperture arrangement.

9. (Previously presented) A method according to Claim 7, characterized in that the rotation of the image sensor and the optics is motorized.

10. (Currently amended) An image sensor, which can fitted to an electronic device, which electronic device includes

- a case structure,
- a display component arranged in connection with the case structure,
- a camera devices that can be oriented, fitted inside the case structure, including the said entirely internally fitted image sensor and optics, and
- an aperture arrangement including at least two apertures fitted in the case structure in connection with which aperture arrangement at least part of the optics is arranged, for exposing the image sensor directly from the outside, ~~and~~

in which the image sensor is ~~arranged to be~~ rotatable to at least two exposure directions ~~(FS, BS)~~, at least to the display-component side ~~(FS)~~ and to an opposite side ~~(BS)~~ relative to the display component, according to which exposure directions ~~(FS, BS)~~ the aperture arrangement is arranged in the case structure and at least

part of the optics is arranged to be rotatable along with the image sensor, characterized in that the image sensor and the optics arranged in connection with it can be linearly moved in the case structure to a position clear of the first and second apertures, in order to permit ~~their~~ rotation of the image sensor.

11. (New) An electronic device comprising a case having a front side and a back side with at least two apertures, with two apertures arranged so that one aperture is on the front side and another aperture is on the back side, the two apertures aligned with each other,

an image sensor disposed between the front side and the back side rotatable to selectively point through either aperture, and

a mechanism configured to slide the image sensor inside the case to a position away from the aligned apertures at which position the image sensor is rotatable.

12. (New) An electronic device as in claim 11 where the electronic device comprises a mobile telephone.

13. (New) An electronic device as in claim 1 where the electronic device comprises a mobile telephone.